Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 08 Dec 2020 until 23:59 on Wednesday 09 Dec 2020

Forecast Issued on Tuesday 08 Dec 2020 at 04:39

Confidence: High confidence for an unsettled week with bands of rain, Wednesday looks like the best day in the 5 day outlook.

Headline for Tuesday 08 Dec 2020: A wet and dull day with fresh southwesterly winds and poor visibility around the Peak District.

Mountain weather hazards on Tuesday 08 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Sleet	Sleet	Sleet	Light rain showers (night)	Light rain showers (night)
Precipitation probability					
20%	60%	70%	70%	60%	60%

Forecast for Tuesday 08 Dec 2020

Weather: A dry start in the east, but outbreaks of rain in the west will soon spread to all parts this morning, these will be wintery on high ground to begin with but as freezing level rises it will become increasingly rainy. Rain will be more persistent for a time in the afternoon, but likely to continue into the evening.

Chance of cloud free mountain/hill tops above 600m: 60% in the east to start, but becoming 20% during the morning as low cloud becomes quite extensive above 3-400m.

Visibility: Good at first in the east, but soon falling moderate or poor for the rest of the day, in any wintery weather it will be very poor.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 08 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/23 SW	18/24 SW	19/27 SW	19/27 SW	16/22 W	14/20 W	13/18 W
300	12/19 SW	14/20 SW	15/22 SW	14/22 SW	12/19 W	12/18 W	11/17 W
Valley	7/17 SW	9/19 SW	10/22 SW	10/22 SW	9/19 W	8/17 W	7/15 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-6	0/-6	1/-5	2/-4	2/-3	2/-3	2/-2
300	2/-3	2/-2	3/-2	4/-1	4/0	4/0	4/1
Valley	2/-1	3/-1	3/-0	4/1	5/1	5/2	4/2
Freezing Level*	700m	700m	800m	1000m	1000m	1000m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

As freezing level rises on Tuesday there will be some snowmelt from 500m in addition to the rainfall which may cause watercourses to swell. Feeling cold on the hills in strong northwesterly winds.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 08 Dec 2020	4mm	12.6mm	17.8mm

Forecast for Wednesday 09 Dec 2020

Weather: Perhaps some light rain before dawn but then a mainly dry and bright day, perhaps some early mist and fog in prone spots and an early frost is likely. There may be the odd shower.

Maximum wind: Northwesterly backing southerly 10-15mph

Chance of cloud free mountain/hill tops above 600m: 90% chance of cloud free tops, perhaps some low cloud shrouding the tops around dawn.

Visibility: Good or very good.

Temperature: **Valleys:** Plus 5 Celsius.
At 600m: Plus 2 Celsius
Freezing level: 900m

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